We claim:

1. A method for synchronizing interleavers in an OFDM communication system, wherein a guard period separates any two adjacent symbols, said method comprising the steps of:

monitoring each received frame for a predefined synchronizing pattern;

entering a synchronization state upon detecting said predefined synchronizing pattern;

continuously monitoring each received frame for said synchronizing pattern at periodic frame intervals; and

returning to said monitoring step if said synchronizing pattern is not detected at said periodic frame interval for a predefined number of blocks.

2. The method of claim 1, wherein said predefined synchronization condition is the detection of a predefined cyclic prefix pattern.

3. A method for synchronizing interleavers in an OFDM communication system, wherein a guard period separates any two adjacent symbols, said method comprising the steps of:

monitoring each received frame for a predefined synchronizing pattern;

entering a synchronization state upon detecting said predefined synchronizing pattern;

continuously monitoring each received frame for said synchronizing pattern at periodic frame intervals; and

returning to said monitoring step if said synchronizing pattern is detected at an unexpected location for a predefined number of blocks.

4. The method of claim 3, wherein said predefined synchronization condition is the detection of a predefined cyclic prefix pattern.

5. A method for synchronizing interleavers in an OFDM communication system, wherein a guard period separates any two adjacent symbols, said method comprising the steps of:

means for monitoring each received frame for a predefined synchronizing pattern;

means for entering a synchronization state upon detecting said predefined synchronizing pattern;

means for continuously monitoring each received frame for said synchronizing pattern at periodic frame intervals; and

means for returning to said monitoring step if said synchronizing pattern is not detected at said periodic frame interval for a predefined number of blocks.

6. A method for synchronizing interleavers in an OFDM communication system, wherein a guard period separates any two adjacent symbols, said method comprising the steps of:

means for monitoring each received frame for a predefined synchronizing pattern;

means for entering a synchronization state upon detecting said predefined synchronizing pattern;

means for continuously monitoring each received frame for said synchronizing pattern at periodic frame intervals; and

means for returning to said monitoring step if said synchronizing pattern is detected at an unexpected location for a predefined number of blocks.